



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2008
Code: 11231330
SAU: Orono School Department
School: Orono Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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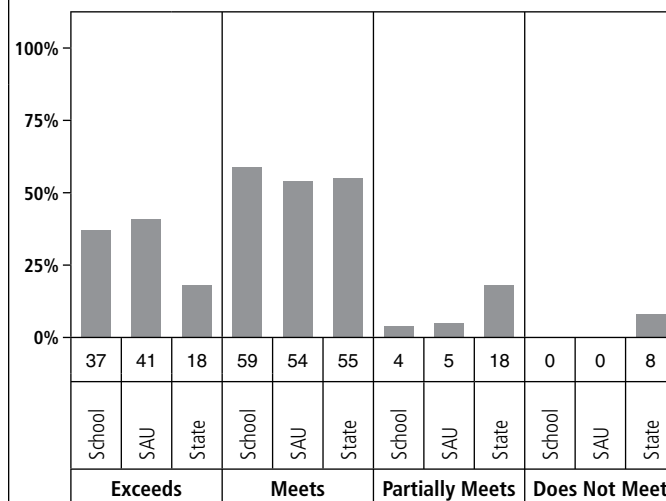
SUMMARY OF SCORES

Test Date: March 2008
Grade: 7
SAU: Orono School Department
School: Orono Middle School

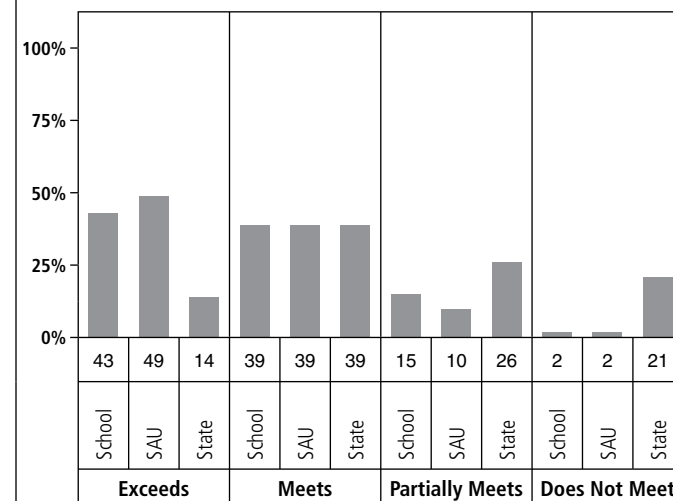
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	751	752	745
2006–2007	756	756	748
2007–2008	757	759	750
Cum. Avg. *	754	755	748
Mathematics			
2005–2006	754	755	740
2006–2007	757	757	742
2007–2008	760	761	743
Cum. Avg. *	757	757	742

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 7
 SAU: Orono School Department
 School: Orono Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	46	100	41	100	14818	100	46	100	41	100	14698	99	46	100	41	100	14694	99												
Ethnicity African American/Black	0	0	0	0	381	3	0	0	0	0	372	98	0	0	0	0	375	99												
American Indian or Native Alaskan	4	9	2	5	113	1	4	100	2	100	112	99	4	100	2	100	112	99												
Asian or Pacific Islander	1	2	1	2	219	1	1	100	1	100	213	97	1	100	1	100	217	99												
Hispanic	0	0	0	0	178	1	0	0	0	0	176	99	0	0	0	0	177	100												
Caucasian/White	41	89	38	93	13927	94	41	100	38	100	13825	99	41	100	38	100	13813	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	8	17	6	15	2556	17	8	100	6	100	2508	99	8	100	6	100	2497	98												
Current LEP	0	0	0	0	363	2	0	0	0	0	352	97	0	0	0	0	360	99												
Economically disadvantaged	9	20	9	22	5461	37	9	100	9	100	5408	99	9	100	9	100	5406	99												
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	39	85	36	88	12195	82	39	85	36	88	12215	82												
Identified disability (PET/IEP)	2	5	2	6	418	3	2	5	2	6	421	3												
LEP	0	0	0	0	183	2	0	0	0	0	183	1												
504 plan	2	5	2	6	181	1	2	5	2	6	182	1												
Participation with accommodations	7	15	5	12	2320	16	7	15	5	12	2303	16												
Identified disability (PET/IEP)	6	86	4	80	1912	82	6	86	4	80	1900	83												
LEP	0	0	0	0	159	7	0	0	0	0	173	8												
504 plan	1	14	1	20	56	2	1	14	1	20	55	2												
Other	0	0	0	0	244	11	0	0	0	0	226	10												
Participation through alternate assessment (PAAP)	0	0	0	0	178	1	0	0	0	0	176	1												
Identified disability (PET/IEP)	0	0	0	0	178	100	0	0	0	0	176	100												
LEP	0	0	0	0	5	3	0	0	0	0	4	2												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	27	0	0	0	0	0	28	0												
Non-participation – other	0	0	0	0	93	1	0	0	0	0	96	1												

¹ Percents are the percentage of students enrolled in each participation category.

² Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³ Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 7
SAU: Orono School Department
School: Orono Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	16	31	16	31	1769	11
	2006-2007	17	40	17	40	2630	18
	2007-2008	17	37	17	41	2604	18
	Cum. Total*	50	36	50	37	7003	16
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	21	40	21	41	7521	49
	2006-2007	18	43	18	43	7605	51
	2007-2008	27	59	22	54	8049	55
	Cum. Total*	66	47	61	46	23175	52
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	7	13	7	14	3773	24
	2006-2007	7	17	7	17	3000	20
	2007-2008	2	4	2	5	2672	18
	Cum. Total*	16	11	16	12	9445	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	8	15	7	14	2399	16
	2006-2007	0	0	0	0	1620	11
	2007-2008	0	0	0	0	1190	8
	Cum. Total*	8	6	7	5	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	40.6	72.5	41.3	73.8	35.3	63.0
Literary Text	28	50	20.4	72.9	20.6	73.6	17.3	61.8
Informational Text	28	50	20.2	72.1	20.7	73.9	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: Orono School Department
 School: Orono Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	46	17	37	27	59	2	4	0	0	757	41	41	54	5	0	759	14515	18	55	18	8	750
Ethnicity																						
African American/Black	0										0						365	10	49	19	22	742
American Indian or Native Alaskan	4										2						110	6	52	24	18	744
Asian or Pacific Islander	1										1						211	26	47	20	6	752
Hispanic	0										0						173	12	54	18	15	746
Caucasian/White	41	16	39	23	56	2	5	0	0	758	38	42	53	5	0	759	13656	18	56	18	8	750
Not Reported	0										0						0					
Identified disability																						
Yes	8	0	0	6	75	2	25	0	0	744	6	0	67	33	0	743	2330	2	30	36	32	735
No	38	17	45	21	55	0	0	0	0	760	35	49	51	0	0	761	12185	21	60	15	4	753
Current LEP																						
Yes	0										0						342	8	46	22	24	741
No	46	17	37	27	59	2	4	0	0	757	41	41	54	5	0	759	14173	18	56	18	8	750
Economically disadvantaged																						
Yes	9	1	11	6	67	2	22	0	0	750	9	11	67	22	0	750	5299	9	51	26	14	745
No	37	16	43	21	57	0	0	0	0	759	32	50	50	0	0	761	9216	23	58	14	5	753
Migrant																						
Yes	0										0						1					
No	46	17	37	27	59	2	4	0	0	757	41	41	54	5	0	759	14514	18	55	18	8	750
Gender																						
Female	16	4	25	12	75	0	0	0	0	757	14	29	71	0	0	758	7084	24	55	15	6	752
Male	30	13	43	15	50	2	7	0	0	758	27	48	44	7	0	759	7431	12	56	21	11	747
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	21	2	10	18	86	1	5	0	0	750	16	13	81	6	0	751	946	6	47	34	12	743
No	25	15	60	9	36	1	4	0	0	764	25	60	36	4	0	764	13569	19	56	17	8	750
Gifted/talented program																						
Yes	2										2						574	61	38	1	0	765
No	44	16	36	26	59	2	5	0	0	757	39	41	54	5	0	758	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 7
SAU: Orono School Department
School: Orono Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	9	2	50	1	25	1	25	0	0	756	7	67	0	33	0	759	6	9	42	24	25	741
B. less than one hour	33	7	47	8	53	0	0	0	0	761	29	58	42	0	0	764	50	17	56	19	8	750
C. one to two hours	54	8	32	16	64	1	4	0	0	756	59	33	63	4	0	756	40	20	58	16	6	752
D. more than two hours	4	0	0	2	100	0	0	0	0	753	5	0	100	0	0	753	4	19	49	21	11	749
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	59	10	37	16	59	1	4	0	0	758	56	43	52	4	0	760	36	24	58	14	5	753
B. They match some of what I have learned.	35	6	38	10	63	0	0	0	0	757	37	40	60	0	0	758	50	16	58	19	8	749
C. They match just a little of what I have learned.	7	1	33	1	33	1	33	0	0	749	7	33	33	33	0	749	11	13	45	26	16	745
D. There is no match.	0										0						3	4	35	29	31	737
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	27	10	83	2	17	0	0	0	0	769	30	83	17	0	0	769	28	35	52	9	5	756
B. good	56	5	20	18	72	2	8	0	0	754	55	23	68	9	0	755	52	15	60	18	7	750
C. fair	18	2	25	6	75	0	0	0	0	754	15	33	67	0	0	755	18	3	49	33	15	742
D. poor	0										0						2	2	41	28	29	738
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	13	4	67	2	33	0	0	0	0	762	12	80	20	0	0	766	16	13	48	23	16	745
B. about the same as my regular schoolwork	74	10	29	22	65	2	6	0	0	756	73	33	60	7	0	757	65	18	57	18	7	750
C. easier than my regular schoolwork	13	3	50	3	50	0	0	0	0	761	15	50	50	0	0	761	19	21	57	16	6	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	4	0	0	2	100	0	0	0	0	746	5	0	100	0	0	746	9	5	38	29	28	738
B. Most of the passages were about the same as what I normally read.	61	8	29	18	64	2	7	0	0	755	59	33	58	8	0	756	55	14	57	22	7	748
C. Most of the passages were easier than what I normally read.	35	9	56	7	44	0	0	0	0	763	37	60	40	0	0	764	36	28	58	10	4	755
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	49	8	36	13	59	1	5	0	0	758	53	38	57	5	0	758	44	18	56	18	8	750
B. I tried about the same as I do on my regular schoolwork.	49	8	36	14	64	0	0	0	0	758	45	44	56	0	0	760	51	19	56	17	7	751
C. I did not try as hard on this test as I do on my regular schoolwork.	2	0	0	0	0	1	100	0	0	736	3	0	0	100	0	736	5	9	46	26	19	743
How much time do you spend reading at home each day?																						
A. more than one hour	15	4	57	3	43	0	0	0	0	763	17	57	43	0	0	763	17	25	57	13	6	753
B. 20 minutes to an hour	50	7	30	15	65	1	4	0	0	757	54	32	64	5	0	757	45	22	56	16	6	752
C. less than 20 minutes	13	2	33	4	67	0	0	0	0	757	10	50	50	0	0	763	13	14	56	21	9	748
D. I rarely read at home.	22	4	40	5	50	1	10	0	0	755	20	50	38	13	0	756	24	8	53	26	13	745
Optional school/SAU question																						
A.	0										0											
B.	50	0	0	1	100	0	0	0	0	748	50	0	100	0	0	748						
C.	50	0	0	1	100	0	0	0	0	752	50	0	100	0	0	752						
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 7
SAU: Orono School Department
School: Orono Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	21	40	21	41	1646	11
	2006-2007	23	53	23	53	2142	14
	2007-2008	20	43	20	49	2028	14
	Cum. Total*	64	45	64	47	5816	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	17	33	17	33	5497	36
	2006-2007	12	28	12	28	5642	38
	2007-2008	18	39	16	39	5703	39
	Cum. Total*	47	33	45	33	16842	38
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	7	13	7	14	4514	29
	2006-2007	3	7	3	7	4077	27
	2007-2008	7	15	4	10	3733	26
	Cum. Total*	17	12	14	10	12324	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	7	13	6	12	3797	25
	2006-2007	5	12	5	12	3001	20
	2007-2008	1	2	1	2	3054	21
	Cum. Total*	13	9	12	9	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	11.8	73.8	12.2	76.3	8.8	55.0
Cluster 2: Shape and Size	14	25	8.1	57.9	8.3	59.3	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	5.1	63.8	5.3	66.3	3.5	43.8
Cluster 4: Patterns	18	32	11.9	66.1	12.2	67.8	7.9	43.9

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: Orono School Department
 School: Orono Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	46	20	43	18	39	7	15	1	2	760	41	49	39	10	2	761	14518	14	39	26	21	743
Ethnicity																						
African American/Black	0										0						372	5	24	25	45	731
American Indian or Native Alaskan	4										2						110	5	30	36	29	736
Asian or Pacific Islander	1										1						216	25	34	23	18	748
Hispanic	0										0						175	9	32	30	29	737
Caucasian/White	41	19	46	16	39	5	12	1	2	761	38	50	37	11	3	761	13645	14	40	26	20	743
Not Reported	0										0						0					
Identified disability																						
Yes	8	0	0	1	13	6	75	1	13	737	6	0	17	67	17	737	2321	2	16	26	55	727
No	38	20	53	17	45	1	3	0	0	764	35	57	43	0	0	766	12197	16	44	26	15	746
Current LEP																						
Yes	0										0						356	7	23	24	45	731
No	46	20	43	18	39	7	15	1	2	760	41	49	39	10	2	761	14162	14	40	26	20	743
Economically disadvantaged																						
Yes	9	1	11	4	44	4	44	0	0	748	9	11	44	44	0	748	5301	5	31	31	33	736
No	37	19	51	14	38	3	8	1	3	762	32	59	38	0	3	765	9217	19	44	23	14	747
Migrant																						
Yes	0										0						1					
No	46	20	43	18	39	7	15	1	2	760	41	49	39	10	2	761	14517	14	39	26	21	743
Gender																						
Female	16	6	38	6	38	3	19	1	6	757	14	43	43	7	7	760	7086	14	40	26	20	743
Male	30	14	47	12	40	4	13	0	0	761	27	52	37	11	0	762	7432	14	38	25	22	743
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	21	1	5	14	67	5	24	1	5	749	16	6	75	13	6	750	946	4	23	36	37	733
No	25	19	76	4	16	2	8	0	0	769	25	76	16	8	0	769	13572	15	40	25	20	743
Gifted/talented program																						
Yes	2										2						575	64	31	3	1	765
No	44	18	41	18	41	7	16	1	2	759	39	46	41	10	3	760	13943	12	40	27	22	742

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 7
SAU: Orono School Department
School: Orono Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	9	1	25	1	25	2	50	0	0	751	7	33	33	33	0	755	6	7	29	26	37	734
B. less than one hour	33	8	53	5	33	2	13	0	0	763	29	67	33	0	0	768	50	13	39	26	22	742
C. one to two hours	54	11	44	10	40	3	12	1	4	760	59	46	38	13	4	760	40	15	42	26	17	744
D. more than two hours	4	0	0	2	100	0	0	0	0	752	5	0	100	0	0	752	4	16	37	23	24	742
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	57	15	58	8	31	3	12	0	0	763	56	65	30	4	0	766	32	21	40	23	16	747
B. They match some of what I have learned.	37	5	29	8	47	3	18	1	6	756	39	31	50	13	6	757	50	12	42	27	19	743
C. They match just a little of what I have learned.	7	0	0	2	67	1	33	0	0	750	5	0	50	50	0	745	15	7	32	31	30	737
D. There is no match.	0										0						3	4	17	21	58	726
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	38	14	82	1	6	2	12	0	0	768	43	82	6	12	0	768	25	34	42	13	11	753
B. good	44	6	30	12	60	1	5	1	5	759	45	33	56	6	6	759	47	10	45	27	18	743
C. fair	18	0	0	4	50	4	50	0	0	745	13	0	80	20	0	749	23	3	30	36	32	735
D. poor	0										0						5	1	17	32	49	729
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	24	2	18	5	45	3	27	1	9	751	23	22	44	22	11	751	36	6	38	29	27	738
B. about the same as my regular schoolwork	58	11	42	11	42	4	15	0	0	761	58	48	43	9	0	763	53	13	42	27	18	744
C. easier than my regular schoolwork	18	7	88	1	13	0	0	0	0	771	20	88	13	0	0	771	11	40	32	15	13	753
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	47	9	43	7	33	4	19	1	5	759	48	47	32	16	5	760	46	12	40	27	21	742
B. I tried about the same as I do on my regular schoolwork.	49	11	50	9	41	2	9	0	0	762	48	58	42	0	0	765	49	16	40	25	19	744
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	1	50	1	50	0	0	747	5	0	50	50	0	747	5	10	27	27	36	736
How often do you use laptops in mathematics class?																						
A. almost every day	2	0	0	1	100	0	0	0	0	754	3	0	100	0	0	754	9	15	37	25	23	742
B. two or three days a week	2	0	0	1	100	0	0	0	0	758	3	0	100	0	0	758	20	13	41	26	20	743
C. two or three times each month	2	1	100	0	0	0	0	0	0	780	3	100	0	0	0	780	30	15	40	27	18	744
D. never or almost never	93	17	43	15	38	7	18	1	3	759	92	49	37	11	3	761	41	13	39	26	23	742
How often do you use calculators in mathematics class?																						
A. almost every day	13	1	17	3	50	2	33	0	0	754	10	25	50	25	0	756	20	17	39	23	22	744
B. two or three days a week	52	12	50	10	42	2	8	0	0	762	54	55	41	5	0	764	29	16	40	25	19	744
C. two or three times a month	26	4	33	4	33	3	25	1	8	756	27	36	36	18	9	757	26	13	40	28	20	743
D. never or almost never	9	3	75	1	25	0	0	0	0	765	10	75	25	0	0	765	24	10	39	27	24	740
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	0										0						8	7	32	26	35	736
B. 30–45 minutes	82	18	49	12	32	6	16	1	3	760	83	55	33	9	3	762	41	12	38	27	23	741
C. 45–60 minutes	16	2	29	4	57	1	14	0	0	761	18	29	57	14	0	761	41	17	42	24	16	745
D. more than 60 minutes	2	0	0	1	100	0	0	0	0	760	0						10	15	38	25	22	743
Optional school/SAU question																						
A.	0										0											
B.	50	0	0	1	100	0	0	0	0	754	50	0	100	0	0	754						
C.	50	0	0	1	100	0	0	0	0	758	50	0	100	0	0	758						
D.	0										0											